

Title (en)

FLUORESCENCE ENERGY TRANSFER SUBSTRATES

Title (de)

SUBSTRATE FÜR DIE ÜBERTRAGUNG VON FLUORESSENZENERGIE

Title (fr)

SUBSTRATS DE TRANSFERT D'ENERGIE PAR FLUORESCENCE

Publication

**EP 0700447 B1 20030502 (EN)**

Application

**EP 94916313 A 19940527**

Priority

- GB 9401153 W 19940527
- GB 9310978 A 19930527

Abstract (en)

[origin: GB2278356A] A method for the preparation of a polypeptide substrate, especially a fluorescence resonance energy transfer (FRET) substrate, having donor and acceptor species on opposite sides of a proteolytic cleavage site and wherein the donor and/or acceptor species are attached via the side chain(s) of amino acid(s) therein, comprises contacting a reactive donor or acceptor species with a polypeptide substrate having the side chain(s) of amino acid(s) therein adapted for reaction with the reactive species and then contacting the substrate so obtained with a corresponding reactive donor or acceptor species. The substrates so prepared may be used in assays to identify modulators of protease activity.

IPC 1-7

**C12Q 1/37; G01N 33/533**

IPC 8 full level

**C07K 1/113** (2006.01); **C07K 14/00** (2006.01); **C07K 14/31** (2006.01); **C12Q 1/37** (2006.01); **G01N 33/533** (2006.01)

CPC (source: EP US)

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